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Recent Trends on Enzymes Inhibitors and Activators in Drug Research

Guest Editor:

Prof. Dr. Athina Geronikaki
School of Pharmacy, Aristotle University of Thessaloniki, Thessaloniki, Greece

Deadline for manuscript submissions:
closed (30 April 2018)

Message from the Guest Editor

Dear Colleagues,

It is known that enzymes are involved in many pathological conditions, such as inflammation, diabetes, microbial infections, HIV, and neoplastic diseases among others. Enzyme inhibition is universally accepted as a strategy to treat the above mentioned conditions or to alternate the mechanism involved. Thus, the aim of the current Special Issue is to collect and present recent advances in the research fields connected to inhibition of different types of enzymes, such as Cyclooxygenase-1/Cyclooxygenase-2 (COX-1/COX-2.), Lipoxygenase (LOX), Protein tyrosine phosphatase 1B (PTP-1B), Peroxisome Proliferator-Activated Receptor Gamma (PPAR-γ), reverse transcriptase, integrase, gyrase, MurB, aldose reductase, carbonic anhydrise, etc.

Dr. Athina Geronikaki
Guest Editor

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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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